

ABSTRACT OF THE DISCLOSURE

A method of manufacturing a heat-resistant ceramic core with a three-dimensional shape, which is used to cast a hollow flow passage inside by precision casting. The method 5 includes a powder lamination shaping step for forming ceramic core 2 with a three-dimensional shape from resin-covered ceramic powder 1, an impregnation step for impregnating ceramics reinforcing liquid 3 into the formed ceramic core 2, and a sintering step for sintering the 10 impregnated ceramic core 2 to improve the heat resistance thereof.